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 German Federal Republic,
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Neva, F. A. 1649
Neves, J. 1992
Nevins, B. 4635
New Zealand, National Hydatids Council 3794-3795
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 Olszyńska, M. 1457
 O'Malley, N. A. O. 2000
 Omar, H. M. 448
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 Omar, M. S. 3805
 Omer Ali, P. 515, 1951
 Omero, L. 1450
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 Transactions of the Royal Society of Tropical Medicine and Hygiene 1073-1074, 1422, 3331, 4191
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 Van Houtert, M. J. F. 1886
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 Vetchanin, V. I. 1905
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Many other serials were scanned during 1990 but no relevant articles were selected. A full list of all the serials scanned for items suitable for abstracting for the CAB ABSTRACTS database and the whole range of CABI's abstract journals is given in the *CAB International Serials Checklist, 1988 edition*. The publication includes ISSN and publishers' addresses.

Abstracts of the Annual Meeting of the American Society for

Microbiology
Acta Alimentaria (Budapest)
Acta Chirurgica Scandinavica
Acta Cytologica
Acta Hydrobiologica Sinica
Acta Leidensia
Acta Medica Okayama
Acta Neurochirurgica
Acta Neurologica Scandinavica
Acta Neuropathologica
Acta Oecologica, Oecologia Applicata
Acta Parasitologica Polonica
Acta Pharmaceutica Sinica
Acta Pharmacologica Sinica
Acta Physiologica Scandinavica
Acta Tropica
Acta Universitatis Agriculturae, Facultas Agronomica
Acta Veterinaria (Beograd)
Acta Veterinaria Brno
Acta Veterinaria et Zootechnica Sinica
Acta Veterinaria Hungarica
Acta Veterinaria Scandinavica
Acta Zoologica
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Acta Zoologica Sinica
Acta Zootaxonomica Sinica
Acta Vétérinaire
Acta Nervosa Superior
Advances in Experimental Medicine and Biology
Advances in Marine Biology
Advances in Parasitology
African Journal of Ecology
African Journal of Medicine and Medical Sciences
Agricultural Practice
Actuelle Rheumatologie
Actes
American Heart Journal
American Journal of Clinical Pathology
American Journal of Gastroenterology
American Journal of Medicine
American Journal of Obstetrics and Gynecology
American Journal of Ophthalmology
American Journal of Pathology
American Journal of Physical Anthropology
American Journal of Physiology
American Journal of Primatology
American Journal of Public Health
American Journal of Roentgenology
American Journal of Surgical Pathology
American Journal of Tropical Medicine and Hygiene
American Journal of Veterinary Research
American Naturalist
American Review of Respiratory Diseases
American Zoologist
Anais do Instituto de Higiene e Medicina Tropical
Analyst
Angewandte Parasitologie
Animal Behaviour
Animal Production
Animal Reproduction Science
Animal Science Research Report, Agricultural Experiment Station,
Oklahoma State University
Animal Technology
Annalen - Koninklijk Museum voor Midden-Afrika, Economische
Wetenschappen
Annalen des Naturhistorischen Museums in Wien. Serie B, für
Botanik und Zoologie
Annales de Biologie Clinique
Annales de Chirurgie
Annales de l'Institut Pasteur, Immunologie
Annales de la Société Belge de Médecine Tropicale
Annales de Médecine Interne

Annales de Médecine Vétérinaire
Annales de Parasitologie Humaine et Comparée
Annales de Pathologie
Annales de Pédiatrie
Annales de Radiologie
Annales de Recherches Vétérinaires
Annali della Facoltà di Medicina Veterinaria di Pisa
Annals of Allergy
Annals of Internal Medicine
Annals of Saudi Medicine
Annals of Surgery
Annals of the New York Academy of Sciences
Annals of Tropical Medicine and Parasitology
Année Biologique
Annual Bulletin of the Society of Parasitology, Guangdong Province
Annual Report of the Tokyo Metropolitan Research Laboratory of
Public Health
Anthozooids
Antimicrobial Agents and Chemotherapy
APMIS (Acta Pathologica, Microbiologica et Immunologica
Scandinavica)
Aquaculture
Aquatic Mammals
Archiv für Hydrobiologie
Archives de l'Institut Pasteur d'Algérie
Archives de l'Institut Pasteur de Madagascar
Archives Françaises de Pédiatrie
Archives Internationales de Pharmacodynamie et de Thérapie
Archives Internationales de Physiologie et de Biochimie
Archives of Biochemistry and Biophysics
Archives of Internal Medicine
Archives of Neurology
Archives of Ophthalmology
Archives of Surgery (Chicago)
Archivio Veterinario Italiano
Arkansas Farm Research
Arkiv Patologii
Arquivo Brasileiro de Medicina Veterinária e Zootecnia
Arquivos - Faculdade de Veterinária UFRGS
Arquivos da Escola de Medicina Veterinária da Universidade Fed-
eral da Bahia
Arquivos Flumiensis de Medicina Veterinária
Ars Veterinaria
Arzneimittel Forschung
Ärztliche Laboratorium
Asean Journal of Clinical Sciences
Asian Medical Journal
Asian Pacific Journal of Allergy and Immunology
Australian Journal of Agricultural Research
Australian Journal of Zoology
Australian Veterinary Journal
Australian Wildlife Research
Avances en Ciencias Veterinarias
Avian Pathology
Bangladesh Journal of Zoology
Bangladesh Veterinarian
Bangladesh Veterinary Journal
Beiträge zur Tropischen Landwirtschaft und Veterinärmedizin
Berliner und Münchener Tierärztliche Wochenschrift
Biochemical Genetics
Biochemical Journal (London)
Biochemical Pharmacology
Biochemical Society Transactions
Biochemistry (Washington)
Biochimie
BioEssays
Biogenic Amines
Biological Bulletin
Biological Wastes
Biologizace a Chemizace Živočišné Výroby, Veterinaria
Biotechnology Advances
Boletín de la Sociedad Veterinaria Venezolana de Especialistas en
Cerdos

- Bollettino di Zoologia
 Bothalia
 Bovine Practitioner
 Brain Research
 Brazilian Journal of Medical and Biological Research
 British Journal of Cancer
 British Journal of Dermatology
 British Journal of Experimental Pathology
 British Journal of Haematology
 British Journal of Pharmacology
 British Journal of Surgery
 British Journal of Urology
 British Medical Journal (Clinical Research edition)
 British Veterinary Journal
 Buffalo Journal
 Bulletin - British Antarctic Survey
 Bulletin d'Ecologie
 Bulletin de l'Académie Nationale de Médecine
 Bulletin de la Société de Pathologie Exotique et de ses Filiales
 Bulletin de la Société Française de Parasitologie
 Bulletin de la Société Zoologique de France
 Bulletin des G.T.V.
 Bulletin du Muséum National d'Histoire Naturelle. Section A Zoologie, Biologie et Ecologie Animales
 Bulletin Ecologique
 Bulletin Français de la Pêche et de la Pisciculture
 Bulletin Mensuel de la Société Vétérinaire Pratique de France
 Bulletin of Animal Health and Production in Africa
 Bulletin of Azabu University, Veterinary Medicine
 Bulletin of Entomological Research
 Bulletin of Environmental Contamination and Toxicology
 Bulletin of Experimental Biology and Medicine
 Bulletin of the British Museum (Natural History), Entomology Series
 Bulletin of the European Association of Fish Pathologists
 Bulletin of the History of Medicine
 Bulletin of the Institute of Zoology, Academia Sinica
 Bulletin of the Pan American Health Organization
 Bulletin of the Veterinary Institute in Pula
 Bulletin of the World Health Organization
 Calcutta Medical Journal
 California Agriculture
 Canada Diseases Weekly Report
 Canadian Family Physician
 Canadian Field-Naturalist
 Canadian Journal of Veterinary Research
 Canadian Journal of Zoology
 Canadian Medical Association Journal
 Canadian Veterinary Journal
 Carcinogenesis
 Cardiovascular and Interventional Radiology
 Caryologia
 Cell (Cambridge)
 Cell Biology and Toxicology
 Cell Motility and the Cytoskeleton
 Cellular and Molecular Biology
 Cellular Immunology
 Central African Journal of Medicine
 Československá Epidemiologie, Mikrobiologie, Imunologie
 Cheiron
 Chemical and Pharmaceutical Bulletin
 Chemosphere
 Chest
 Chinese Journal of Epidemiology
 Chinese Journal of Internal Medicine
 Chinese Journal of Microbiology and Immunology
 Chinese Journal of Parasitic Disease Control
 Chinese Journal of Parasitology & Parasitic Diseases
 Chinese Journal of Veterinary Science and Technology
 Chinese Medical Journal
 Chirality
 Chirurg
 Chirurgie Pédiatrique
 Chromosoma
 Ciência e Cultura (São Paulo)
 Ciência Veterinária Jaboticabal
 Clinica Chimica Acta
 Clinical and Experimental Allergy
 Clinical and Experimental Dermatology
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 Clinical Imaging
 Clinical Immunology and Immunopathology
 Clinical Microbiology Reviews
 Clinical Neurology and Neurosurgery
 Clinical Orthopaedics and Related Research
 Clinical Pharmacokinetics
 Clinical Pharmacology and Therapeutics
 Clinical Radiology
 Companion Animal Practice
 Comparative Biochemistry and Physiology. A, Comparative Physiology
 Comparative Biochemistry and Physiology. B, Comparative Biochemistry
 Comparative Biochemistry and Physiology. C, Comparative Pharmacology and Toxicology
 Comparative Physiology and Ecology
 Compendium on Continuing Education for the Practicing Veterinarian
 Comptes Rendus de l'Académie des Sciences. Series 3, Sciences de la Vie
 Comptes Rendus des Séances de la Société de Biologie et de ses Filiales
 Contributions to Microbiology and Immunology
 Cornell Veterinarian
 Current Opinion in Gastroenterology
 Current Opinion in Infectious Diseases
 Current Research - University of Agricultural Sciences (Bangalore)
 Current Science
 Current Topics in Microbiology and Immunology
 Cytobios
 Dansk Veterinærtidsskrift
 Deltion tes Ellēnikēs Ktēniatrikēs Etaireias = Bulletin of the Hellenic Veterinary Medical Society
 Dermatologic Clinics
 Dermatologica
 Deutsche Tierärztliche Wochenschrift
 Development (Cambridge)
 Development (Ottawa)
 Developmental and Comparative Immunology
 Diabète et Métabolisme
 DICP, The Annals of Pharmacotherapy
 Digestive Diseases and Sciences
 Diseases of Aquatic Organisms
 Dissertation Abstracts International. B, Sciences and Engineering
 East African Medical Journal
 Ecology
 Effem-Forschung für Heimtiernahrung Report
 Electrophoresis
 EMBO Journal
 Endeavour
 Entomologia Experimentalis et Applicata
 Environment and Ecology
 Environmental and Molecular Mutagenesis
 Environmental Health Perspectives
 Environmental Monitoring and Assessment
 Environmental Science & Technology
 Environmental Technology Letters
 EOS (Rome)
 Epidemiology and Infection
 Equine Practice
 Equine Veterinary Education
 Equine Veterinary Journal
 Ethiopian Medical Journal
 European Journal of Clinical Microbiology & Infectious Diseases
 European Journal of Clinical Pharmacology
 European Journal of Epidemiology
 European Journal of Immunology
 European Journal of Medicinal Chemistry
 European Neurology
 Evolution
 Experientia
 Experimental and Molecular Pathology
 Experimental Parasitology
 FAO Plant Protection Bulletin
 Farmaco, Edizione Scientifica
 Fauna Norvegica. Serie A, Norwegian Fauna except Entomology and Ornithology
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 Fauna Ukrainy
 Fish Pathology
 Fitoterapia
 Folia Biologica (Warszawa)
 Folia Parasitologica
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 FONAIAP Divulga
 Food Additives and Contaminants
 Food and Chemical Toxicology
 Food Technology (Chicago)
 Fragmenta Faunistica
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 Gastroentérologie Clinique et Biologique
 Gastroenterology
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 GEN, Gastroenterologia, Endocrinologia i Nutricion Genetica
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 Giornale di Malattie Infettive e Parassitarie
 Goat Veterinary Society Journal

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 spital Practice
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 nunology Today
 nunopharmacology and Immunotoxicology
 ex to Theses Accepted for Higher Degrees in the Universities of
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 ian Journal of Animal Health
 ian Journal of Animal Sciences
 ian Journal of Biochemistry & Biophysics
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 nfectious Diseases
 ian Journal of Dairy Science
 ian Journal of Experimental Biology
 ian Journal of Helminthology
 ian Journal of Medical Research
 ian Journal of Medical Research. Section A, Infectious Diseases
 ian Journal of Parasitology
 ian Journal of Public Health
 ian Journal of Veterinary Medicine
 ian Journal of Veterinary Pathology
 ian Veterinary Journal
 ian Veterinary Medical Journal
 ian Veterinary Reporter
 ection and Immunity
 ormations Techniques du CEMAGREF
 ernational Archives of Allergy and Applied Immunology
 ernational Journal for Parasitology
 ernational Journal of Animal Sciences
 ernational Journal of Clinical Pharmacology Research
 ernational Journal of Environmental Studies
 ernational Journal of Epidemiology
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 ernational Journal of Immunopharmacology
 ernational Journal of Invertebrate Reproduction and Development
 ernational Journal of Pharmaceutics
 ernational Orthopaedics
 ernational Review of Cytology
 va State University Veterinarian
 nian Journal of Medical Sciences
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 Journal of Cardiovascular Surgery
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 Journal of Communicable Diseases
 Journal of Comparative Neurobiology
 Journal of Comparative Neurology
 Journal of Comparative Pathology
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 Journal of Equine Veterinary Science
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 Journal of Food Science
 Journal of Gastroenterology and Hepatology
 Journal of Gynecologic Surgery
 Journal of Helminthology
 Journal of Hepatology
 Journal of Herpetology
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 Journal of Immunogenetics
 Journal of Immunology (Baltimore)
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 Journal of Infectious Diseases
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 Journal of Molecular Biology
 Journal of Molecular Evolution
 Journal of Molluscan Studies
 Journal of Morphology
 Journal of Natural History
 Journal of Natural Products
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 Journal of Neurosurgery
 Journal of Nuclear Agriculture and Biology
 Journal of Nutrition
 Journal of Oral and Maxillofacial Surgery
 Journal of Organic Chemistry
 Journal of Parasitology
 Journal of Pathology
 Journal of Pharmacological Methods
 Journal of Physiology
 Journal of Protozoology
 Journal of Rakuno Gakuen University
 Journal of Receptor Research
 Journal of Reproductive Immunology
 Journal of Research, Punjab Agricultural University
 Journal of Scientific and Industrial Research
 Journal of Small Animal Practice
 Journal of South China Agricultural University
 Journal of Steroid Biochemistry
 Journal of Submicroscopic Cytology and Pathology
 Journal of the American Academy of Dermatology
 Journal of the American Animal Hospital Association
 Journal of the American Mosquito Control Association
 Journal of the American Veterinary Medical Association
 Journal of the Andaman Science Association
 Journal of the Chemical Society, Chemical Communications
 Journal of the Chinese Society of Veterinary Science
 Journal of the College of Dairying, Japan, Natural Science

- Journal of the Egyptian Society of Parasitology
 Journal of the Elisha Mitchell Scientific Society
 Journal of the Faculty of Agriculture, Iwate University
 Journal of the Faculty of Medicine, Baghdad
 Journal of the Food Hygienic Society of Japan
 Journal of the Formosan Medical Association
 Journal of the Indian Society of Coastal Agricultural Research
 Journal of the Japan Veterinary Medical Association
 Journal of the Marine Biological Association of the United Kingdom
 Journal of the Medical Association of Thailand
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 Journal of the Royal Society of Health
 Journal of the Royal Society of Medicine
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 Journal of Theoretical Biology
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 Journal of Tropical Pediatrics
 Journal of Urology
 Journal of Veterinary Internal Medicine
 Journal of Veterinary Medicine. Series B
 Journal of Veterinary Parasitology
 Journal of Veterinary Pharmacology and Therapeutics
 Journal of Wildlife Diseases
 Journal of Zoology
 Kenya Veterinarian
 Khelmintologiya
 Khirurgiya
 Kidney International
 Kleintierpraxis
 Korean Journal of Parasitology
 Korean Journal of Veterinary Public Health
 Krmiváfstvi a Služby
 Laboratornoe Delo
 Laboratory Animal Science
 Laboratory Animals
 Laboratory Investigation
 Lancet (British edition)
 Large Animal Veterinarian
 Lietuvos TSR Mokslų Akademijos Darbai. C Serijai, Biologijos Mokslai
 Life Sciences
 Lipids
 Livestock Adviser
 Lucrări Științifice, Institutul Agronomic Timișoara, Zootehnie și Medicină Veterinară
 Lymphology
 Lyon Chirurgical
 Magnesium
 Magyar Allatorvosok Lapja
 Malacological Review
 Malayan Nature Journal
 Marine Biology
 Marine Pollution Bulletin
 Médecin Vétérinaire du Québec
 Médecine d'Afrique Noire
 Médecine et Maladies Infectieuses
 Médecine Tropicale
 Mededelingen van de Faculteit Landbouwwetenschappen, Rijksuniversiteit Gent
 Medical Clinics of North America
 Medical History
 Medical Journal of Australia
 Medical Journal of Zambia
 Medical Microbiology and Immunology
 Medical Science Research
 Medicina Clínica
 Medicina Cutanea Ibero-Latino-Americana
 Medicina Veterinaria
 Meditsinskaya Parazitologiya i Parazitarnye Bolezni
 Medycyna Weterynaryjna
 Mémoires du Muséum National d'Histoire Naturelle. Série A, Zoologie
 Memórias do Instituto Butantan
 Memórias do Instituto Oswaldo Cruz
 Methods of Information in Medicine
 Micron and Microscopica Acta
 Mitteilungen der Deutschen Gesellschaft für Allgemeine und Angewandte Entomologie
 Mitteilungen der Österreichischen Gesellschaft für Tropenmedizin und Parasitologie
 Models in Dermatology
 Molecular and Biochemical Parasitology
 Molecular and Cellular Biology
 Molecular Reproduction and Development
 Monatshefte für Veterinärmedizin
 Monograph - British Crop Protection Council
 Moscow University Biological Sciences Bulletin
 Mosquito-Borne Diseases Bulletin
 Mount Sinai Journal of Medicine
 Mutation Research
 Nature (London)
 Naturwissenschaften
 Nederlands Tijdschrift voor Geneeskunde
 Nephrology Dialysis Transplantation
 Netherlands Journal of Sea Research
 Neurochirurgie
 Neurology
 Neuroradiology
 Neurosurgery
 New Biologist
 New Botanist
 New England and Regional Allergy Proceedings
 New England Journal of Medicine
 New Mexico Journal of Science
 New Scientist
 New Zealand Journal of Zoology
 New Zealand Medical Journal
 New Zealand Veterinary Journal
 Nippon Suisan Gakkaishi = Bulletin of the Japanese Society of Scientific Fisheries
 Norsk Veterinærtidsskrift
 Novye i Maloizvestnye Vidy Fauny Sibiri
 Nucleic Acids Research
 Nuovo Progresso Veterinario
 Nutrition Reports International
 Nutrition Research Reviews
 Obiettivi e Documenti Veterinari
 Obstetrics and Gynecology (New York)
 Oecologia
 Ohio Journal of Science
 Oikos
 Onderstepoort Journal of Veterinary Research
 ONE Veterinaria
 Ophelia
 Ophthalmic Surgery
 PAC Technical Paper - Pakhribas Agricultural Centre
 Pakistan Journal of Zoology
 Pakistan Veterinary Journal
 Papua New Guinea Journal of Agriculture, Forestry and Fisheries
 Parasite Immunology
 Parasitologia Hungarica
 Parasitology
 Parasitology Research
 Parasitology Today
 Parazitologiya
 Partners in Research for Development
 Pathologie Biologie
 Pathology Annual
 Pediatric Clinics of North America
 Pediatric Infectious Disease Journal
 Pediatric Nephrology
 Pediatrics
 Pédiatrie (Lyon)
 Penyakit Hewan
 Periodicum Biologorum
 Pesquisa Agropecuária Brasileira
 Pesticide Outlook
 Pesticide Science
 Pferdeheilkunde
 Pharmaceutical Journal
 Pharmaceutical Research
 Pharmacological Research
 Philippine Journal of Veterinary Medicine
 Philosophical Transactions of the Royal Society of London. Series 1, Biological Sciences
 Physiological Chemistry and Physics and Medical NMR
 Phytochemistry
 Pigs
 Planta Medica
 Point Vétérinaire
 Polskie Archiwum Weterynaryjne
 Polymer Science and Technology
 Postgraduate Medicine
 Poultry Adviser
 Praktische Tierarzt
 Pratique Médicale & Chirurgicale de l'Animal de Compagnie
 Praxis Veterinaria (Milano)
 Presse Médicale
 Preventive Veterinary Medicine
 Přírodovědné Práce Ústavů Československé Akademie Věd v Brně
 Proceeding of the Koninklijke Nederlands Academie van Wetenschappen. Series C, Biological and Medical Sciences
 Proceedings and Papers of the Annual Conference of the California Mosquito and Vector Control Association
 Proceedings of the Helminthological Society of Washington
 Proceedings of the Indian Academy of Sciences, Animal Sciences
 Proceedings of the Indiana Academy of Science
 Proceedings of the Koninklijke Nederlands Akademie van Wetenschappen. Series C, Biological and Medical Sciences

- Proceedings of the National Academy of Sciences of the United States of America
 Proceedings of the North Dakota Academy of Science
 Proceedings of the Society for Experimental Biology and Medicine
 Proceedings of the Western Poultry Disease Conference
 Proceedings, Western Section, American Society of Animal Science and Western Branch Canadian Society of Animal Science
 Prostaglandins
 Psychopathology
 Public Health
 Pyrethrum Post
 Quarterly Journal of Experimental Physiology
 Quarterly Journal of Medicine
 Radiologie
 Radiology
 Recueil de Médecine Vétérinaire
 Reference Book - Ministry of Agriculture, Fisheries and Food
 Research Bulletin of the Faculty of Agriculture, Gifu University
 Research Bulletin of the Panjab University, Science
 Research Highlights - Noxious Brush and Weed Control, Range and Wildlife Management
 Research in Veterinary Science
 Research Reports of the Rural Development Administration, Veterinary
 Reviews of Infectious Diseases
 Revista Argentina de Producción Animal
 Revista Brasileira de Biología
 Revista Brasileira de Malariologia e Doenças Tropicais
 Revista Cubana de Ciencias Veterinarias
 Revista Cubana de Higiene y Epidemiología
 Revista Cubana de Medicina Tropical
 Revista da Faculdade de Medicina Veterinária e Zootecnia da Universidade de São Paulo
 Revista da Sociedade Brasileira de Medicina Tropical
 Revista de Patologia Tropical
 Revista de Salud Animal
 Revista de Saúde Pública
 Revista do Instituto Adolfo Lutz
 Revista do Instituto de Medicina Tropical de São Paulo
 Revista Ibérica de Parasitología
 Revista Médica de Chile
 Revista Portuguesa de Ciências Veterinárias
 Revue d'Élevage et de Médecine Vétérinaire des Pays Tropicaux
 Revue de Chirurgie Orthopédique et Réparatrice de l'Appareil Moteur
 Revue de Médecine Vétérinaire
 Revue de Nématologie
 Revue de Zoologie Africaine
 Revue Internationale du Trachome et de Pathologie Oculaire Tropicale et Subtropicale et de Santé Publique
 Revue Suisse de Zoologie
 Rivista della Società Italiana di Scienza dell'Alimentazione
 Rivista di Parassitologia
 Rivista do Centro de Ciências Rurais, Universidade Federal de Santa Maria
 Rivista Italiana di Pediatria
 Roux's Archives of Developmental Biology
 Russia
 Saudi Medical Journal
 Sborník vědeckých Prací Ústředního Státního Veterinárního Ústavu v Praze
 Scandinavian Journal of Immunology
 Scandinavian Journal of Infectious Diseases
 Scandinavian Journal of Urology and Nephrology
 Schweizer Archiv für Tierheilkunde
 Science (Washington)
 Science in China. Series B, Chemistry, Life Sciences & Earth Sciences
 Selezione Veterinaria
 Seminars in Thrombosis and Hemostasis
 Seoul Journal of Medicine
 Sichuan Journal of Zoology
 Singapore Medical Journal
 Small Ruminant Research
 Social Science & Medicine
 South African Journal of Wildlife Research
 South African Journal of Zoology
 South African Medical Journal
 Southeast Asian Journal of Tropical Medicine and Public Health
 Southwestern Naturalist
 Soviet Agricultural Sciences
 Spectrum
 State Veterinary Journal
 Stroke
 Sudan Notes and Records
 Suid-Afrikaanse Tydskrif vir Dierkunde
 Surgery
 Surgery, Gynaecology & Obstetrics
 Surgical Neurology
 Surveillance (Wellington)
 Svensk Veterinärtidning
 Systematic Parasitology
 TDR Newsletter, Special Programme for Research and Training in Tropical Diseases, World Health Organization
 Tetrahedron
 Tetrahedron Letters
 Texas Journal of Science
 Thai Journal of Agricultural Science
 Thai Journal of Veterinary Medicine
 Thoracic and Cardiovascular Surgeon
 Thorax
 Thrombosis and Haemostasis
 Tierärztliche Praxis
 Tierärztliche Umschau
 Tijdschrift voor Diergeneeskunde
 Toxicology Letters
 Transactions of the American Fisheries Society
 Transactions of the American Microscopical Society
 Transactions of the Royal Society of South Australia Incorporated
 Transactions of the Royal Society of Tropical Medicine and Hygiene
 Transplantation Proceedings
 Trends in Biotechnology
 Trends in Ecology & Evolution
 Trends in Genetics
 Tropical and Geographical Medicine
 Tropical Animal Health and Production
 Tropical Diseases Bulletin
 Tropical Doctor
 Tropical Medicine (Nagasaki)
 Tropical Medicine and Parasitology
 Trudy Vsesoyuznogo Instituta Gel'mintologii im. K.I. Skryabina (Biologicheskie Osobennosti Gel'mintov-Vozbuditelei Boleznai Zhivotnykh; Mery Borby s Nimi i Ikh Ekonomicheskoe Obosnovanie)
 Trudy Zoologicheskii Institut, Akademii Nauk SSSR
 Trudy, Vsesoyuznyi Institut Eksperimental'noi Veterinari
 Türk Hijyen ve Deneysel Biyoloji Dergisi
 Ugeskrift for Læger
 Urologia Internationalis
 Urological Research
 Urology
 Uttar Pradesh Journal of Zoology
 Vaccine
 Våra Pälsdjur
 Veliger
 Verhandlungen der Deutschen Zoologischen Gesellschaft
 Věstník Československé Společnosti Zoologické
 Vestnik Khirurgii im. I. I. Grekova
 Vestnik Sel'skokhozyaistvennoi Nauki (Moskva)
 Vestnik Zoologii
 Veterinaria (Cremona)
 Veterinaria (Montevideo)
 Veterinaria (Sarajevo)
 Veterinaria Argentina
 Veterinaria México
 Veterinariya (Moskva)
 Veterinarna Sbirka
 Veterinarnaya Nauka—Proizvodstvu
 Veterinární Medicina
 Veterinarski Arhiv
 Veterinarski Glasnik
 Veterinářství
 Veterinary and Human Toxicology
 Veterinary Annual
 Veterinary Clinics of North America, Food Animal Practice
 Veterinary Immunology and Immunopathology
 Veterinary Medicine
 Veterinary Parasitology
 Veterinary Quarterly
 Veterinary Radiology
 Veterinary Record
 Veterinary Research Communications
 Veteriner Fakültesi Dergisi, Ankara Üniversitesi
 Veteriner Fakültesi Dergisi, Selçuk Üniversitesi
 Veteriner Fakültesi Dergisi, Uludağ Üniversitesi
 Vie et Milieu
 Vlaams Diergeneeskundig Tijdschrift
 VMR, Veterinary Medical Review
 Water International
 Water Quality Bulletin
 Water Science and Technology
 Weekly Epidemiological Record
 Western Journal of Medicine
 Wiadomości Parazytologiczne
 Wiener Medizinische Wochenschrift
 World Health Forum
 World Health Organization Technical Report Series
 World Health Organization, WHO/FIL
 World Water
 World's Poultry Science Journal
 Xenobiotica
 Yamaguchi Journal of Veterinary Medicine

Yokohama Medical Bulletin
 Zeitschrift für Angewandte Zoologie
 Zeitschrift für die Binnenfischerei der DDR
 Zeitschrift für Jagdwissenschaft
 Zentralblatt für Bakteriologie
 Zentralblatt für Bakteriologie, Mikrobiologie und Hygiene, A
 Zentralblatt für Gynäkologie
 Zeszyty Naukowe Akademii Rolniczej im. H. Kołłątaja w Krakowie,
 Zootechnika
 Zhurnal Mikrobiologii, Epidemiologii i Immunobiologii
 Zimbabwe Veterinary Journal
 Zoologica Scripta
 Zoological Science
 Zoologicheskii Zhurnal
 Zoologischer Anzeiger